

**REMARKS**

**Election/Restriction**

Claims 1-14 of the group I invention have been elected for examination. Claims 15-22 are withdrawn. Applicants reserve the right to file divisional applications on the unelected invention of group II.

**Specification Objection**

The specification was objected to. The 40-75% cured polymer resin is shown on page 23, lines 5 and 6 of the specification. The 10-35% conductive particles are shown on page 23, lines 6 and 7 of the specification. The 1-5% thermosetting resin is shown on page 23, line 6 of the specification. The ceramic and fiber reinforced phenolic surfaces are shown on page 11, line 12 of the specification. The reference to FR4 in claim 11 has been removed. The full name for DAIP (diallyl isophthalate) has been added. Withdrawal of the specification objection is respectfully requested.

**Rejection under 35 USC 112:**

Claim 11 was rejected under 35 U.S.C. 112 as being indefinite. FR-4 has been deleted from claim 11. Withdrawal of the 112 rejection is respectfully requested.

**Allowable Subject Matter:**

Applicants gratefully acknowledge the allowance of claims 7 and 12-14 if rewritten in independent form. Accordingly claim 7 has been incorporated into independent claim 1.

**Rejection under 35 USC 102:**

Claim 1-3, 5, 6, 9 and 11 were rejected under 35 U.S.C. 102 over Gardos (US 5,035,836). Claim 7 has been incorporated into claim 1. Dependent claims 2-6 and 8-14 depend from independent claim 1 and are allowable therewith.

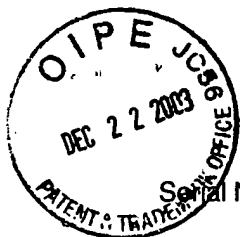
**Conclusion:**

The present amendments to the claims and the accompanying discussion are believed to dispose of all issues in this case and to place this application in condition for allowance. Entry of the amendments and passing of this application to issue is respectfully requested. Applicants' representative would welcome the opportunity to discuss options for gaining allowance.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Mark P. Bourgeois', is written over a horizontal line.

Mark P. Bourgeois (Reg. No. 37,782)



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## CERTIFICATE OF MAILING

I, Debra Miller, hereby certify that this Amendment and Response is being deposited with the United States Postal Service as first class mail on December 19, 2003 in an envelope addressed to: Mail Stop Non-Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Debra Miller

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Dec. 19, 2003

Date

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